

(19)



JAPANESE PATENT OFFICE

Ref. 1

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 01174023 A

(43) Date of publication of application: 10.07.89

(51) Int. Cl

H04B 7/26

(21) Application number: 62332103

(22) Date of filing: 25.12.87

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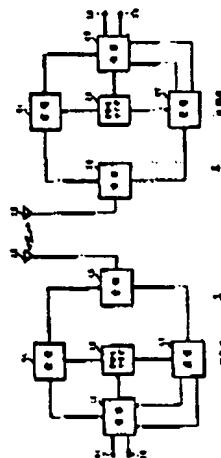
## (54) MOBILE COMMUNICATION SYSTEM

## (57) Abstract:

**PURPOSE:** To decrease the rate of an interruption time of communication due to fading attended with the movement of a mobile station by setting plural frequencies as useable frequencies and switching the operating frequency synchronously with the opposite party of communication as to the plural frequencies.

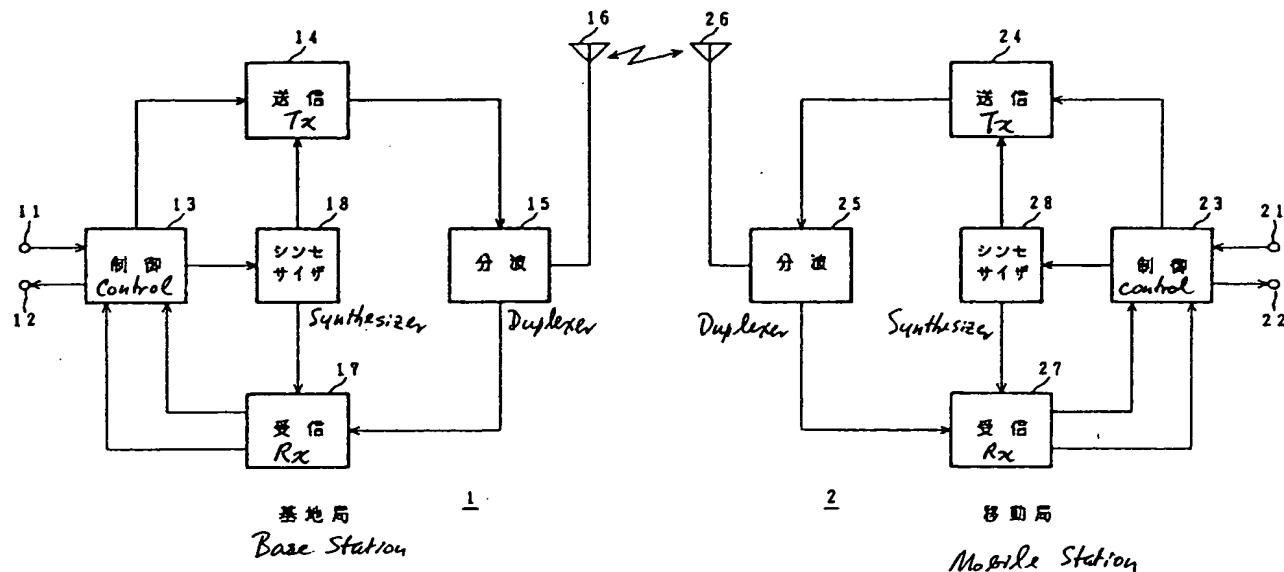
**CONSTITUTION:** An oscillation circuit 18 or 28 supplying a transmission frequency or a reception frequency consists of a frequency synthesizer and plural transmission/reception frequencies can be set. When a signal level is a threshold level  $E_s$  or below, the modulation of an information signal is stopped tentatively and the transmission/reception frequency is changed simultaneously to other frequency. Thus, even if a serious fading takes place at a frequency, the fact that the status of the fading differs from that at other frequency is utilized.

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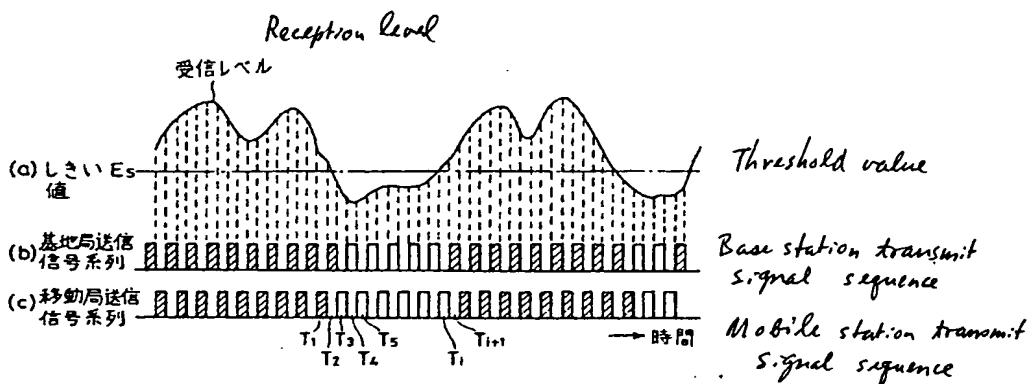


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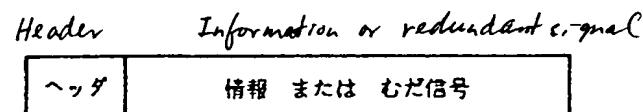
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第 1 図



第 2 図



第 3 図